

APPLICANT(S): KISLEV, Hanoch et al.

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AMENDMENTS TO THE CLAIMS

Please add or amend the claims to read as follows:

We claim:

1. (currently amended) An optical system comprising ~~at least one~~ an illumination element and ~~at least one~~ a receiving means, [[both]] the illumination element and the receiving means disposed behind a single optical window, having a plurality of reflecting surfaces, ~~wherein~~ wherein:
said optical window is configured such that it defines a shape having ~~a~~ at least one focal curve; and
wherein said at least one illumination element and said at least one receiving means are positioned in proximity of [[the]] a focal curve plane of said focal curve, such that, when illuminating, rays from the illumination element, that are internally reflected from the optical window [[surfaces]], will not be incident on the receiving means.
2. (currently amended) The optical system according to claim 1 wherein said the ~~at least one~~ illumination element is positioned on the focal curve.
3. (currently amended) The optical system according to claim 1 wherein the receiving means is not positioned on the focal curve ~~plane but not in vicinity of the focal curve~~.
4. (original) The optical system according to claim 1 wherein the illumination element illuminates a target on the opposite side of the optical window and wherein illumination rays remitted from the target are received by the receiving means.

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5. (original) The system according to claim 1 wherein the shape defined by the optical window is an ellipsoid.
6. (original) A diagnostic device comprising an optical system according to claim 1.
7. (original) A diagnostic device comprising an optical system according to claim 5.
8. (original) A diagnostic device according to claim 6 wherein the device is an endoscope.
9. (original) A diagnostic device according to claim 7 wherein the device is an endoscope.
10. (original) Use of an optical system according to claim 1 for viewing a target outside the optical window of the optical system.
11. (currently amended) A diagnostic device according to claim 6 wherein the device is a swallowable capsule which comprises a system for imaging [[the]] a digestive tract and a transmitter which transmits [[the]] an output of the imaging system wherein the system for imaging [[the]] a digestive tract comprises the receiving means.
12. (currently amended) A diagnostic device according to claim 7 wherein the device is a swallowable capsule which comprises a system for imaging [[the]] a digestive tract and a transmitter which transmits [[the]] an output of the imaging system wherein the system for imaging [[the]] a digestive tract comprises the receiving means.